Research Project Guidelines

Overview:

Design and demonstrate a real-world AI application that could be about a new innovation / giving a novel perspective to solve a problem / a product/services based startup venture.

Students can also focus on research-oriented topics, such as designing and implementing new AI technique(s)/algorithm for a particular application/problem/domain of interest, or improving existing AI technique(s).

The focus should be on novelty, reliability/practicability of the work done.

General Guidelines:

1. The project should be implemented in a group.
2. No two groups should come up with similar projects.
3. Every group member should contribute with a defined role.
4. A brief project report should be prepared with the content mentioned below.
5. Any plagiarism would result in nil marks.

Final Project Report Format:

The project report should be concise, relevant, and crisp and should be structured (as far as possible) under the following sections:

- Abstract
- Brief problem statement
- Literature Survey / Background / State-of-the-art / industry-size (if applicable)
- Motivation / Novelty (how work is adding value) / how it would improve existing way of things
- Methodology/Demonstration
- Study / Experiment settings
- Results (along with comparison with baseline model(s))
- Conclusions with limitations and an outlook on future work
- References
- Role of each member of the group.